

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

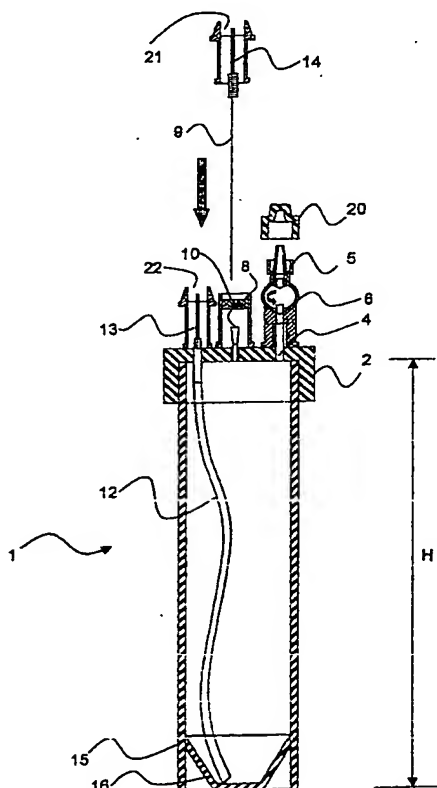
PCT

(10) International Publication Number
WO 2005/039773 A1

- (51) International Patent Classification⁷: **B01L 3/14**
- (21) International Application Number: **PCT/EP2004/011349**
- (22) International Filing Date: **6 October 2004 (06.10.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
RM2003A000467 10 October 2003 (10.10.2003) IT
- (71) Applicant (for all designated States except US):
**AZIENDE CHIMICHE RIUNITE ANGELINI
FRANCESCO A.C.R.A.F. S.P.A. [IT/IT]; Viale Amelia,
70, I-00181 Roma (IT).**
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **VIRNO, Michele
[IT/IT]; Via Papiniano, 29, I-00136 Roma (IT).**
- (74) Agents: **MARCHI, Massimo et al.; Marchi & Partners
S.r.l., Via Pirelli, 19, I-20124 Milano (IT).**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,**

[Continued on next page]

(54) Title: **DISPOSABLE CONTAINER FOR CENTRIFUGING AND TREATING A FLUID BIOLOGICAL MATERIAL**



(57) Abstract: Disposable container (1) for centrifuging and treating a fluid biological material, said container (1) being provided with an open top end and a closed bottom end (16), said top end being provided with a lid (2) having: a) a first opening (3) passed through by a first cannula (4) which can be connected operationally to the external environment in order to control the entry and exit of air in conjunction with the transfer of a fluid biological material into or from said container; b) a second opening (7) passed through by a second cannula (8) which can be accessed by a hollow needle (9) in order to transfer a fluid biological material into or from said container (1) through said hollow needle (9); c) a third opening (11) passed through by a third cannula (12) operationally connected to an attachment (22) able to receive and accommodate one end of a syringe (18) in order to transfer a fluid biological material into or from said container (1) through said third cannula (12).



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— with international search report